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Windows > IIS Security and Features

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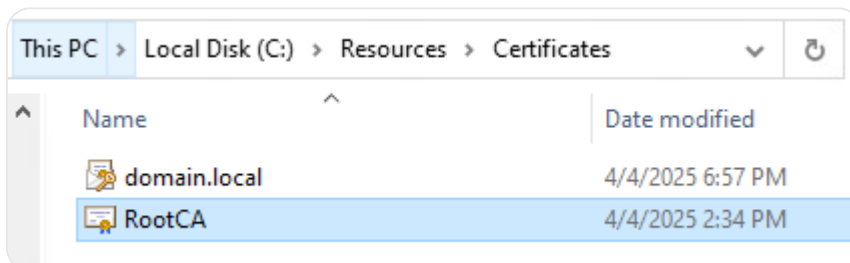
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IIS Security and Features

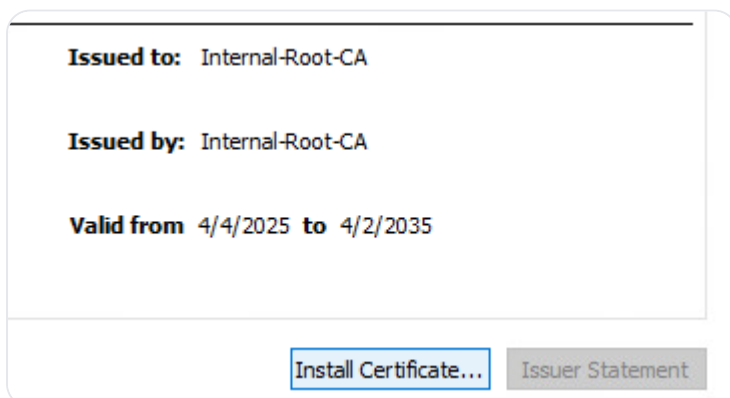
Enable HTTPS

Untuk mengaktifkan HTTPS pada virtual host, pastikan certificate yang akan dipakai sudah diinstall pada certificate store. Berikut langkah – langkah untuk mengaktifkan HTTPS pada virtual host:

1. Install CA certificate (**RootCA**) yang ada pada direktori `C:\Resources\Certificates` .
Caranya tinggal double click file **RootCA**



Pada saat instalasi CA certificate, pilih **Install Certificate...**



Pilih **Local Machine** sebagai Store Location

Store Location

☐ Current User

☒ Local Machine

Pilih **Place all certificates in the following store** > **Browse...** > pilih **Trusted Root Certificate Authorities**

☒ Place all certificates in the following store

Certificate store:

Browse...

Select Certificate Store

Select the certificate store you want to use.

Personal

Trusted Root Certification Authorities

Pilih Next dan Finish. Pastikan muncul notifikasi seperti berikut

Certificate Import Wizard

i The import was successful.

OK

2. Install certificate (**domain.local**) untuk virtualhost yang ada pada direktori
C:\Resources\Certificates

This PC > Local Disk (C:) > Resources > Certificates

Name	Date modified
domain.local	4/4/2025 6:57 PM
RootCA	4/4/2025 2:34 PM

Pilih **Local Machine** sebagai Store Location, lalu pilih Next

Store Location

☐ Current User

☒ Local Machine

Masukan `P@ssw0rd` sebagai password untuk private key, jika sudah pilih Next

Type the password for the private key.

Password:

P@ssw0rd

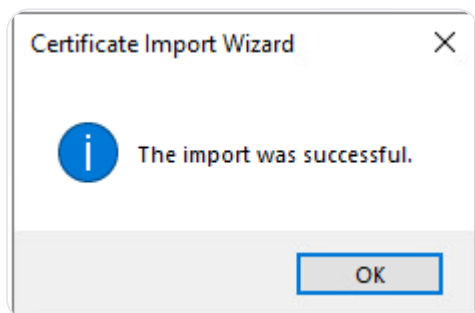
☒ Display Password

Pilih **Automatically select the certificate store based on the type of certificate**

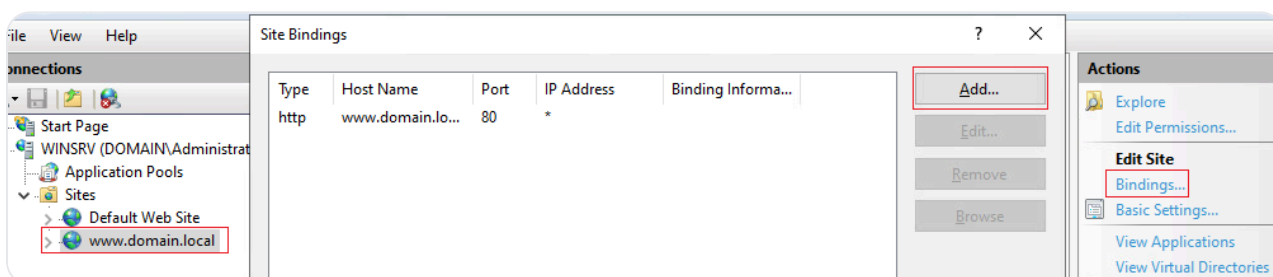
Windows can automatically select a certificate store, or you can specify a location for the certificate.

☒ Automatically select the certificate store based on the type of certificate

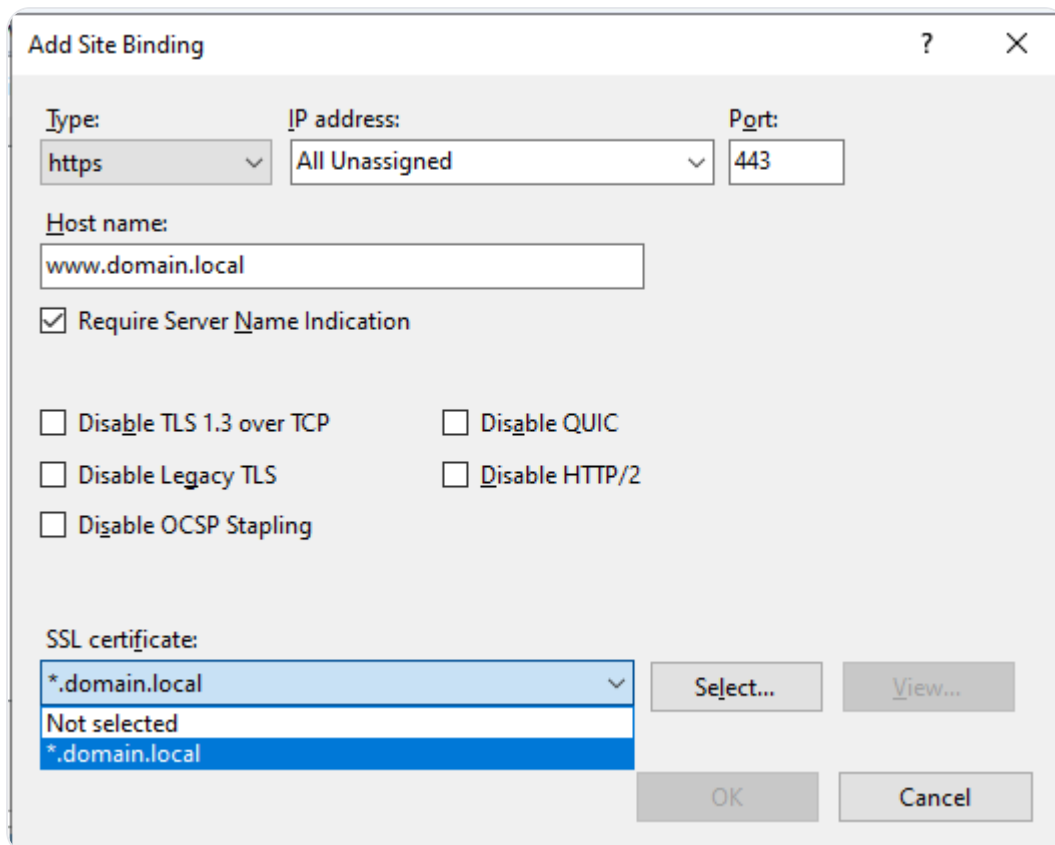
Pastikan terdapat notifikasi berikut



3. Buka **inetmgr.exe**, pilih virtualhost > **Bindings...** > **Add...**



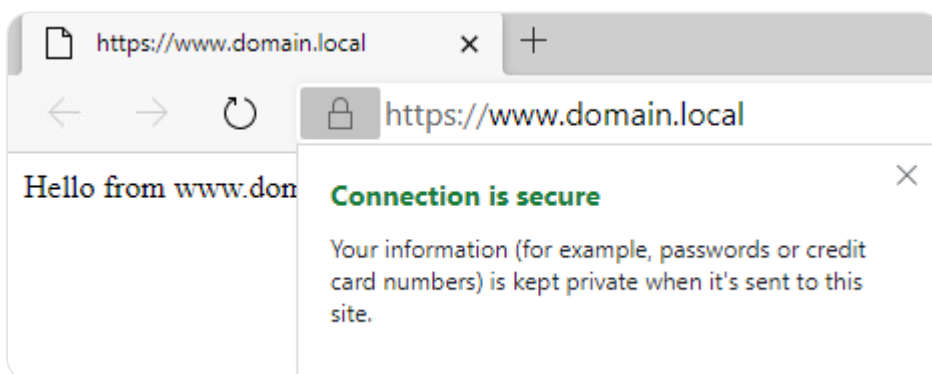
4. Konfigurasi HTTPS binding dengan memasukkan nama host name, mengaktifkan **Server Name Indication** dan menentukan SSL certificate yang akan digunakan. Jika sudah, pilih **OK**



5. Pastikan HTTPS binding berhasil dibuat

Type	Host Name	Port	IP Address	Binding Informa...
http	www.domain.lo...	80	*	
https	www.domain.lo...	443	*	

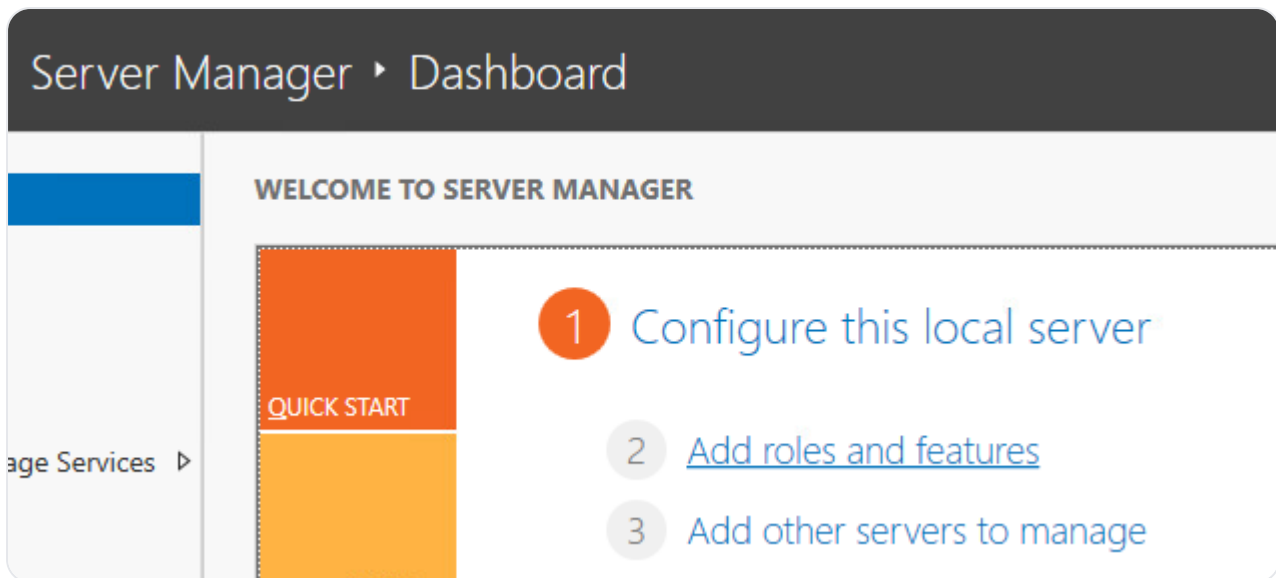
6. Akses `https://www.domain.local` melalui Microsoft Edge. Pastikan tidak terdapat error terkait certificate seperti contoh berikut



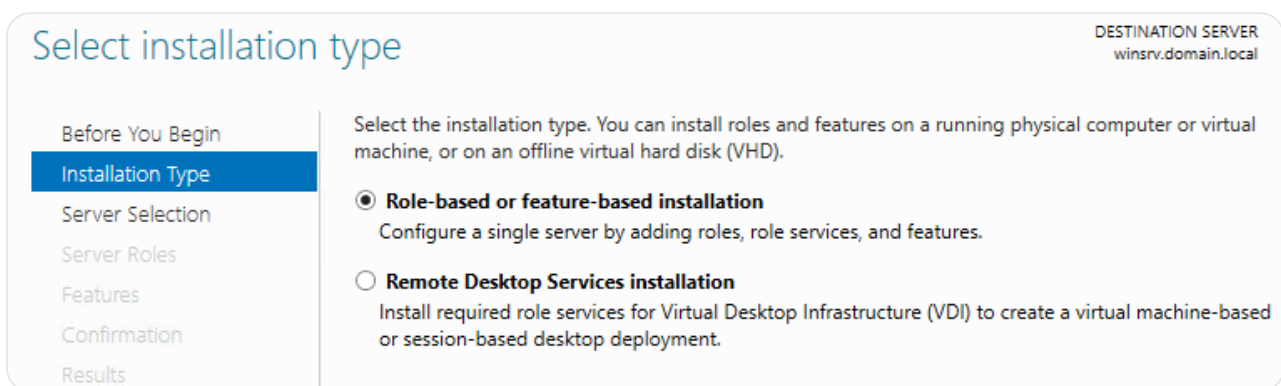
Windows Authentication

Fitur Windows Authentication digunakan untuk melakukan proses autentikasi Domain Users pada virtualhost. Berikut langkah konfigurasinya:

1. Buka **Server Manager** > **Add roles and features**

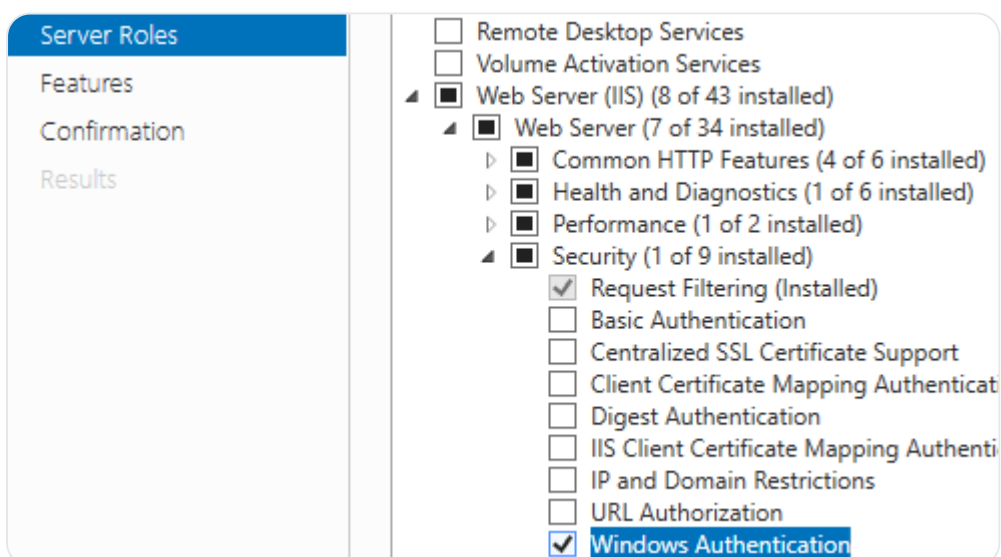


2. Pada installation type, pilih **Role-based or feature-based installation**

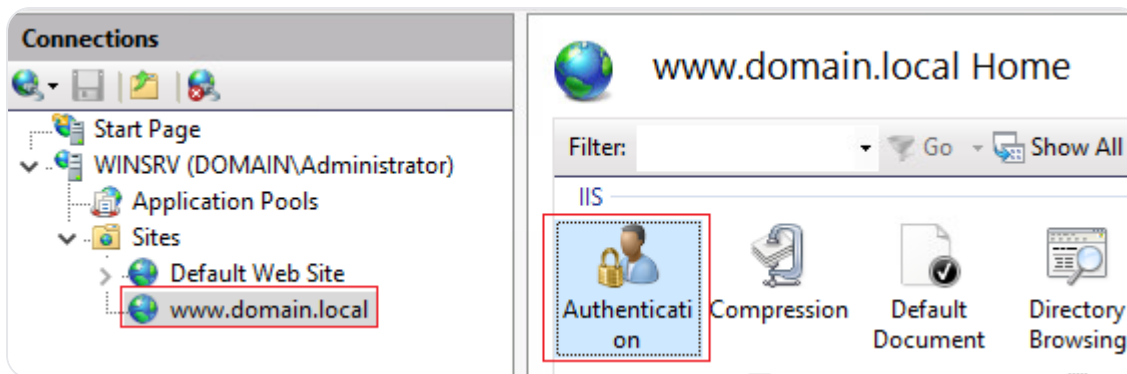


3. Pada bagian Server Roles, pilih **Web Server > Security > Windows Authentication**.

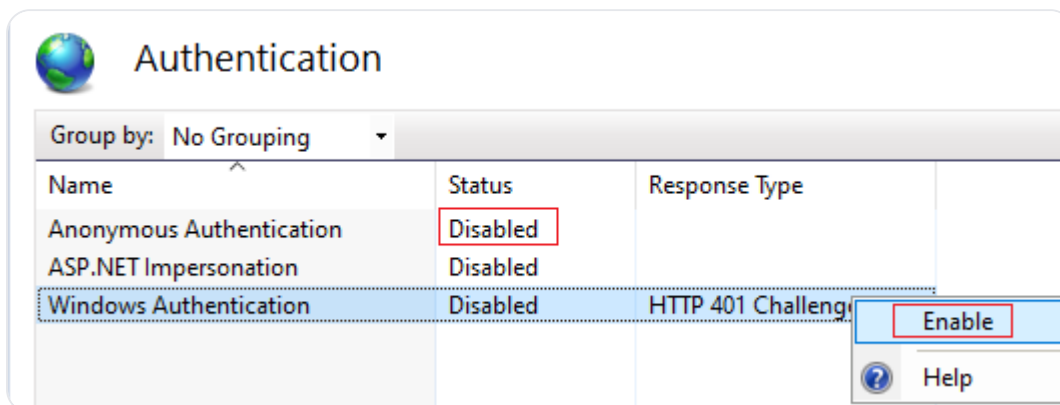
Pilih **Next > Next > Install**



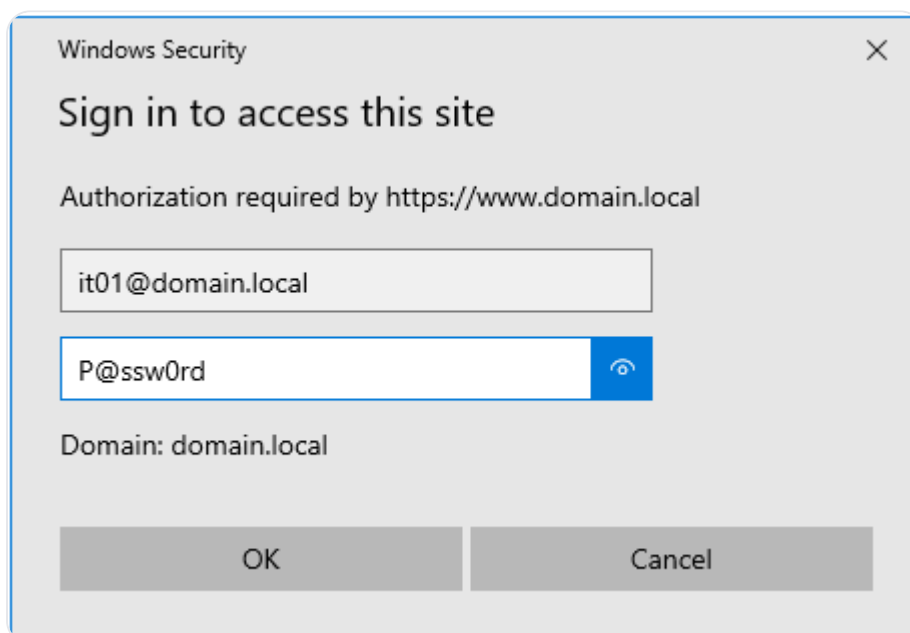
4. Buka **inetmgr.exe**, lalu pilih virtualhost yang akan dikonfigurasi > **Authentication**



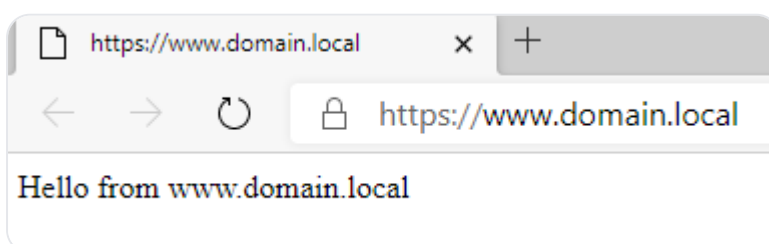
5. Disable **Anonymous Authentication**, lalu Enable **Windows Authentication**



6. Akses <https://www.domain.local>, lalu login sebagai domain users. Contohnya seperti berikut:



7. Setelah proses autentikasi berhasil, website dapat diakses



Proses instalasi fitur Windows Authentication dapat juga dilakukan menggunakan perintah `Install-WindowsFeature -IncludeManagementTools Web-Windows-Auth`

Mark Complete & Next